

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of the claims in the application.

Listing of Claims:

1-47. (Canceled).

48. (Currently Amended) An insulation material comprising ~~a an expanded~~ polyurethane insulation layer, a metal layer and ~~a an extruded crystallized~~ polyamide layer, and at least two ~~extruded~~ adhesive layers, the ~~extruded crystallized~~ polyamide layer joined to an ~~extruded~~ adhesive layer on the metal layer when the polyamide is not substantially crystalline and is glutinous, the metal layer with the not substantially crystalline polyamide being ~~adhesively~~ joined to ~~an adhesive layer on the polyurethane insulation layer as the polyurethane insulation layer is formed and~~ when the polyamide is in a glutinous form and then the glutinous polyamide being heated for a time and temperature effective for crystallizing the glutinous polyamide to form the polyamide layer.

49. (Currently Amended) The insulation material of or claim 48 wherein the polyamide is selected from the group consisting of polyamide-66, polyamide-6 and mixtures thereof.

50. (Previously Presented) The insulation material of claim 48 wherein the metal layer is aluminum.

51. (Previously Presented) The insulation material of claim 50 wherein the polyamide is selected from the group consisting of polyamide-66, polyamide-6 and mixtures thereof.

52. (Currently Amended) An insulation material comprising a polyurethane insulation layer, a metal layer and a polyamide layer, the polyamide layer joined to the metal layer when the polyamide is not substantially crystalline and is glutinous, the metal layer with the not substantially crystalline polyamide being joined to the polyurethane insulation layer with the polyamide as the polyurethane insulation layer is formed and when the polyamide is in a glutinous form and then the glutinous polyamide being heated for a time and temperature effective for

crystallizing the glutinous polyamide to form the polyamide layer.

53. (Currently Amended) The insulation material of or claim 52 wherein the polyamide is selected from the group consisting of polyamide-66, polyamide-6 and mixtures thereof.

54. (Previously Presented) The insulation material of claim 52 wherein the metal layer is aluminum.

55. (Previously Presented) The insulation material of claim 54 wherein the polyamide is selected from the group consisting of polyamide-66, polyamide-6 and mixtures thereof.

56. (Previously Presented) The insulation material of claim 52 wherein the polyamide is heated between 120° to 140°C for a time effective for crystallizing the polyamide from its glutinous form to form the polyamide layer.

57. (Previously Presented) The insulation material of claim 53 wherein the polyamide is heated between 120° to 140°C for a time effective for crystallizing the polyamide from its glutinous form to form the polyamide layer.

58. (Previously Presented) The insulation material of claim 54 wherein the polyamide is heated between 120° to 140°C for a time effective for crystallizing the polyamide from its glutinous form to form the polyamide layer.

59. (Currently Amended) The insulation material of claim 55 wherein the polyamide is heated between 120° to 140°C 1 to 5 minutes to crystallize for a time effective for crystallizing the polyamide from its glutinous form to form the polyamide layer.

60. (Previously Presented) The insulation material of claim 57 wherein the polyamide is heated for 1 to 5 minutes.

61. (New) A web for the production of insulation material, the web comprising a flowable polyurethane layer, a metal layer and a glutinous polyamide layer, and at least two adhesive layers comprising a first adhesive layer and a second adhesive layer, the glutinous polyamide layer adhesively affixed to the metal layer with the first adhesive layer, the metal layer adhesively applied to the flowable polyurethane layer with the second adhesive layer or the glutinous polyamide layer adhesively applied to the flowable polyurethane layer.

62. (New) The web of claim 61 wherein the polyamide is selected from the group consisting of polyamide-66, polyamide-6 and mixtures thereof.

63. (New) The web of claim 61 wherein the metal layer is aluminum.

64. (New) The web of claim 63 wherein the metal layer is aluminum.

65. (New) The web of claim 61, wherein the flowable polyurethane layer is an expanding polyurethane layer, the polyamide layer and the adhesive layer on the metal layer are coextruded layers on the metal layer.

66. (New) The web of claim 61 wherein the flowable polyurethane layer is an expanding polyurethane layer, the glutinous polyamide layer is an extruded glutinous layer and the first adhesive layer is a first extruded adhesive layer.

67. (New) An insulation material comprising an expanded polyurethane insulation layer, a metal layer and a co-extruded crystallized polyamide/adhesive layer, and at least one additional adhesive layer, the co-extruded crystallized polyamide/adhesive layer joined to the metal layer through the co-extruded adhesive and when the polyamide is not substantially crystalline and is glutinous, the metal layer with the co-extruded polyamide/adhesive layer adhesively joined to the expanded polyurethane insulation layer as the expanded polyurethane insulation layer is expanded and when the polyamide is in a glutinous form, the glutinous polyamide being heated for a time and temperature effective for crystallizing the glutinous polyamide to form a crystallized polyamide in the co-extruded layer.

68. (New) The insulation material of claim 48 wherein the polyamide is heated between 120° to 140°C for 1 to 5 minutes to crystallize the polyamide from its glutinous form to form the polyamide layer.

69. (New) The insulation material of claim 67 wherein the polyamide is heated between 120° to 140°C for 1 to 5 minutes to crystallize the polyamide from its glutinous form to form the polyamide layer.

70. (New) The insulation material of claim 69 wherein the polyamide is selected from the group consisting of polyamide-66, polyamide-6 and mixtures thereof.

71. (New) The insulation material of claim 71 wherein the metal layer is aluminum.